Title (en)

SYNTHETIC VASCULAR PROSTHESIS AND METHOD FOR MANUFACTURING SAME

Publication

EP 0271216 B1 19920115 (EN)

Application

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Priority

JP 26557886 A 19861110

Abstract (en)

[origin: EP0271216A2] A synthetic vascular prosthesis comprises a hollow tubular base member (A) having a multitude of continuous pores and formed of an elastomer material, and a hydrogel layer (C) formed on the inner surface (B) of the base member. The hydrogel layer is partly embedded in the inner portion of the base member at the pores, thereby permitting anchoring adhesion between the hydrogel layer and the base member. A method for manufacturing the synthetic vascular prosthesis is also disclosed, in which the formation of pores in the base member is effected by two separate steps and the hydrogel layer is formed after formation of an inner porous portion of the base member.

IPC 1-7

A61F 2/06; A61L 27/00

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